

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1           **Claim 1 (currently amended):**   An image recording and  
2   reproducing apparatus for recording and reproducing a multiple  
3   picture signal obtained by multiplexing picture signals from a  
4   plurality of cameras via a frame switcher such that said  
5   multiple picture signal is comprised of a series of frames  
6   alternating between said plurality of cameras, said image  
7   recording and reproducing apparatus having a skip-reproduction  
8   feature for alternating skipping of n frames of said multiple  
9   picture signal and continuous reproduction of m frames of said  
10   multiple picture signal wherein n is a positive integer, and m  
11   is a positive integer related to a frame switching pattern.

1           **Claim 2 (previously presented):**   The image recording and  
2   reproducing apparatus according to claim 1, wherein said  
3   number of frames to be skipped is changed during skip  
4   reproduction.

1           **Claim 3 (original):**   The image recording and reproducing  
2   apparatus according to claim 2, wherein said number of frames

3 are changed to  $(n-d)$  ( $2 \leq d < n$ ,  $d$  is a positive integer) in case  
4 said number of frames is decreased.

1 **Claim 4 (original):** The image recording and reproducing  
2 apparatus according to claim 1, wherein at least  $m$  frames are  
3 continuously reproduced at the end of a reconstructed image.

1 **Claim 5 (original):** The image recording and reproducing  
2 apparatus according to claim 1, wherein at least  $m$  frames are  
3 continuously reproduced at the beginning of a reproduction  
4 image.

1 **Claim 6 (previously presented):** The image recording and  
2 reproducing apparatus according to claim 1, wherein said skip-  
3 reproduction feature is implemented by a process including a  
4 skip processing step for recognizing said frames and a  
5 reproduction processing step for performing reproduction and  
6 output of said frames.

1 **Claim 7. (previously presented):** The image recording and  
2 reproducing apparatus according to claim 6, wherein said skip-  
3 reproduction feature is implemented by a skipping of  $n$  frames  
4 and a subsequent reproduction of  $m$  frames.

1       **Claim 8 (previously presented):** The image recording and  
2 reproducing apparatus according to claim 6, wherein said skip-  
3 reproduction feature is implemented by a forward skipping of a  
4 series of  $(n+m)$  frames, a reverse skipping of  $m$  frames, and a  
5 reproduction of  $m$  frames.

1       **Claim 9 (previously presented):** The image recording and  
2 reproducing apparatus according to claim 7, wherein said  
3 subsequent reproduction of a reconstructed image is performed  
4 on  $m$  frames up to a final frame of the reconstructed image  
5 when the difference between a frame just before start of said  
6 skipping and the final frame of the reconstructed image is  
7 equal to or greater than  $m$  frames and smaller than or equal to  
8  $(n+m)$  frames.

1       **Claim 10 (previously presented):** The image recording and  
2 reproducing apparatus according to claim 7, wherein said  
3 reproduction is performed up to a final frame of a  
4 reconstructed image when the difference between a frame of the  
5 reconstructed image just before start of said skipping and the  
6 final frame of the reconstructed image is smaller than  $m$   
7 frames.

1       **Claim 11 (previously presented):** The image recording and  
2 reproducing apparatus according to claim 8, wherein reverse  
3 skipping of a maximum of  $m$  frames is performed within the  
4 number of skipped frames in the immediately preceding  
5 processing, when a final frame of an image is reached during  
6 said skipping.

1       **Claim 12 (original):** The image recording and reproducing  
2 apparatus according to claim 7, wherein adjustment is made to  
3 set the remaining number of frames to a multiple of  $(n+m)$  at  
4 start of said skip reproduction feature and when the number of  
5 frames  $n$  to be skipped is changed during skip reproduction.

1       **Claim 13 (previously presented):** The image recording and  
2 reproducing apparatus according to claim 8, wherein adjustment  
3 is made to set a remaining number of frames to a multiple of  
4  $(n+m)$  at start of said skip reproduction feature and when the  
5 number of frames  $n$  to be skipped is changed during skip  
6 reproduction.

1       **Claim 14 (original):** The image recording and reproducing  
2 apparatus according to claim 1, wherein reproduction is  
3 suspended after continuous reproduction of said predetermined  
4  $m$  frames when suspension of reproduction is instructed during  
5 execution of said skip reproduction feature.

1           **Claim 15 (currently amended):**    An image reproducing  
2   apparatus for reproducing a multiple picture signal obtained  
3   by multiplexing picture signals from a plurality of cameras  
4   via a frame switcher such that said multiple picture signal is  
5   comprised of a series of frames alternating between said  
6   plurality of cameras, said image reproducing apparatus having  
7   a skip-reproduction feature for alternating skipping of n  
8   frames of said multiple picture signal and continuous  
9   reproduction of m frames of said multiple picture signal,  
10   wherein n is a positive integer, and m is a positive integer  
11   related to a frame switching pattern.

1           **Claim 16 (currently amended):**    An image reproducing  
2   method for skip reproducing a multiple picture signal obtained  
3   by multiplexing picture signals from a plurality of cameras  
4   via a frame switcher such that said multiple picture signal is  
5   comprised of a series of frames alternating between said  
6   plurality of cameras, said image reproducing method comprising  
7   the steps of:  
8        skipping n frames of said multiple picture signal;  
9        continuously reproducing m frames of said multiple  
10   picture signal, wherein n is a positive integer, and m is a  
11   positive integer; and  
12        repeating said skipping and continuous reproducing.

1       **Claim 17 (previously presented):**   An image reproducing  
2   method for skip reproducing a multiple picture signal obtained  
3   by multiplexing picture signals from a plurality of cameras  
4   via a frame switcher, said image reproducing method comprising  
5   the steps of:

6       forward skipping  $n+m$  frames of said multiple picture  
7   signal, then reverse skipping  $m$  frames of said multiple  
8   picture signal, and then continuous reproducing  $m$  frames of  
9   said multiple picture signal; and

10      repeating said skipping, reverse skipping and continuous  
11   reproducing, wherein

12    $n$  is a positive integer, and  $m$  is a positive integer.